

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR 2004/003429

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷: H01J 65/04, H01J 61/30, G02F 1/13357

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷: G02F, H01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPOCOD, WPI, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 122 759 A2 (SAMSUNG) 8 August 2001 (08.08.2001) <i>figures 3, 9-12, paragraphs 10-14, 19-20, 34-41.</i>	1-4, 9, 10, 12, 13, 14, 16, 17, 19, 22, 23, 26
---	---	---
A	KR2003081866 A (NANOPACIFIC INC) 22 October 2003 (22.10.2003) (abstract).[online] [retrieved on 15.03.2005]. Retrieved from: EPOQUE WPI Database	1, 2, 9, 10, 12, 14, 16, 17, 19, 22, 23, 26
---	---	---
A	US 2002/0105259 A1 (KIM) 8 August 2002 (08.08.2002) <i>figures 2-4, 9C, 9D, paragraphs 33-35, 42.</i>	1-3, 9-11, 14, 16-18, 20, 22, 23, 26
---	---	---

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
16 March 2005 (16.03.2005)

Date of mailing of the international search report
5 April 2005 (05.04.2005)

Name and mailing address of the ISA/ AT
Austrian Patent Office
Dresdner Straße 87, A-1200 Vienna

Facsimile No. +43 / 1 / 534 24 / 535

Authorized officer

GRONAU E.

Telephone No. +43 / 1 / 534 24 / 320

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR 2004/003429

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/0132711 A1 (YOO et al.) 17 July 2003 (17.07.2003) <i>figures 1-4, 7, paragraphs 8-11, 26-36, 40-44.</i> -----	1, 9, 14, 16, 22, 26

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR 2004/003429

Patent document cited in search report			Publication date	Patent family member(s)			Publication date
EP	A2	1122759	2001-08-08	JP	A	2001222944	2001-08-17
				US	B1	6346775	2002-02-12
				KR	A	2001077686	2001-08-20
KR	A	20030818 66	2003-10-22	none			
US	A	20020105 259		none			
US	A	20030132 711		none			